

Plasma Control Requirements

-Based on Operational Experience-



Radial

- "The radial location of the separatrix at the outboard midplane shall be maintained within 1 cm of the nominal location"
- "The radial location of the separatrix at the outboard midplane can be moved by ± 2 cm from nominal in 50 msec, in response to needs for RF coupling"

Vertical

- "The plasma can be vertically positioned to any location within ± 3 cm of the midplane with a response time of 0.20 sec using one pair of external PF coils"